

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4D-727-U-NR-VSR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA4D-727-U-NR-VSR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (64) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 25607.3 lumens  
Efficiency: N/A  
Efficacy: 115.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 259572.2 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 8175 lumens  
Beam Efficiency: 31.9%

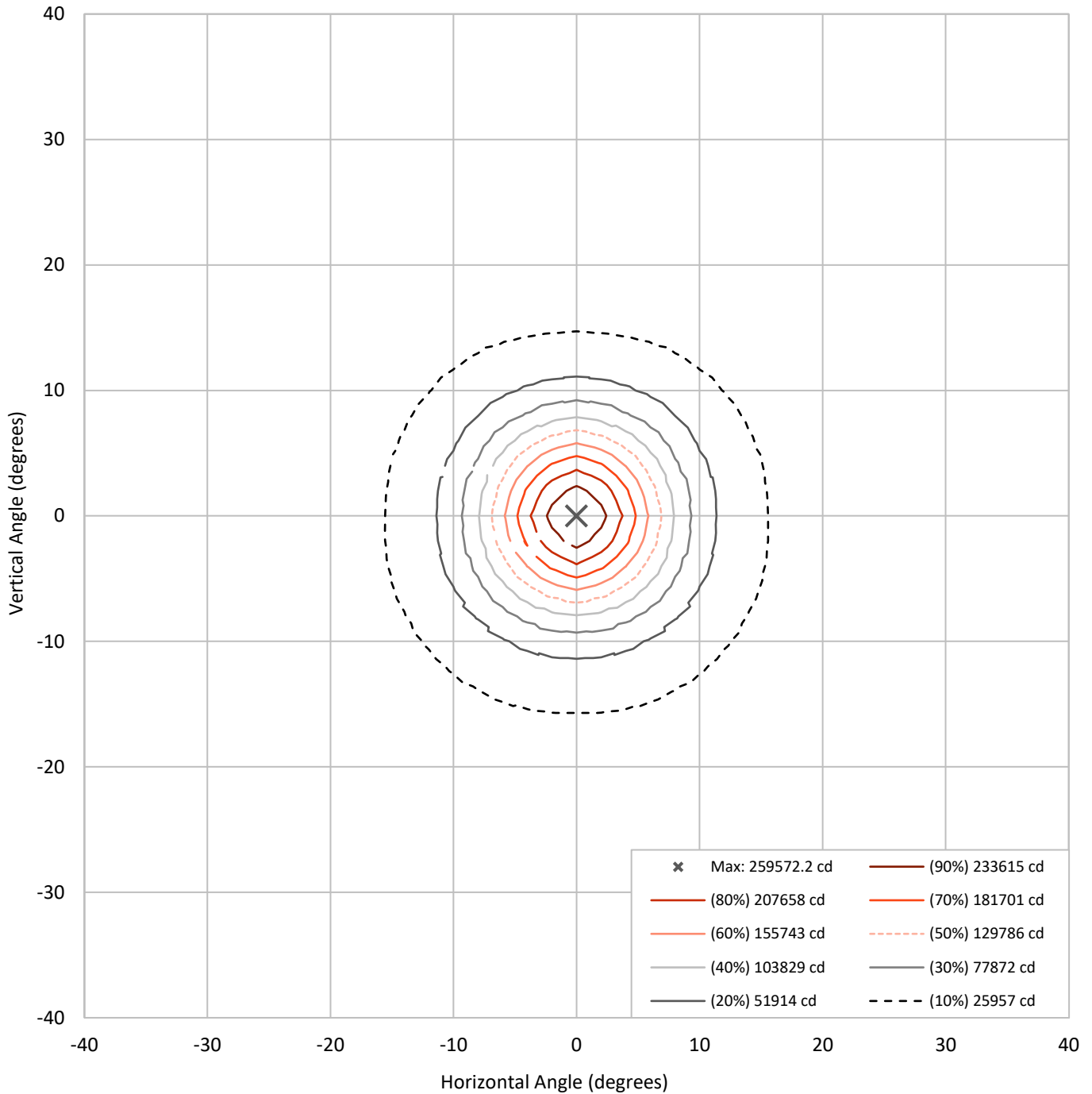
Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 18208.4 lumens  
Field Efficiency: 71.1%

Input Watts (W): 221.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

### Iso-Candela Plot





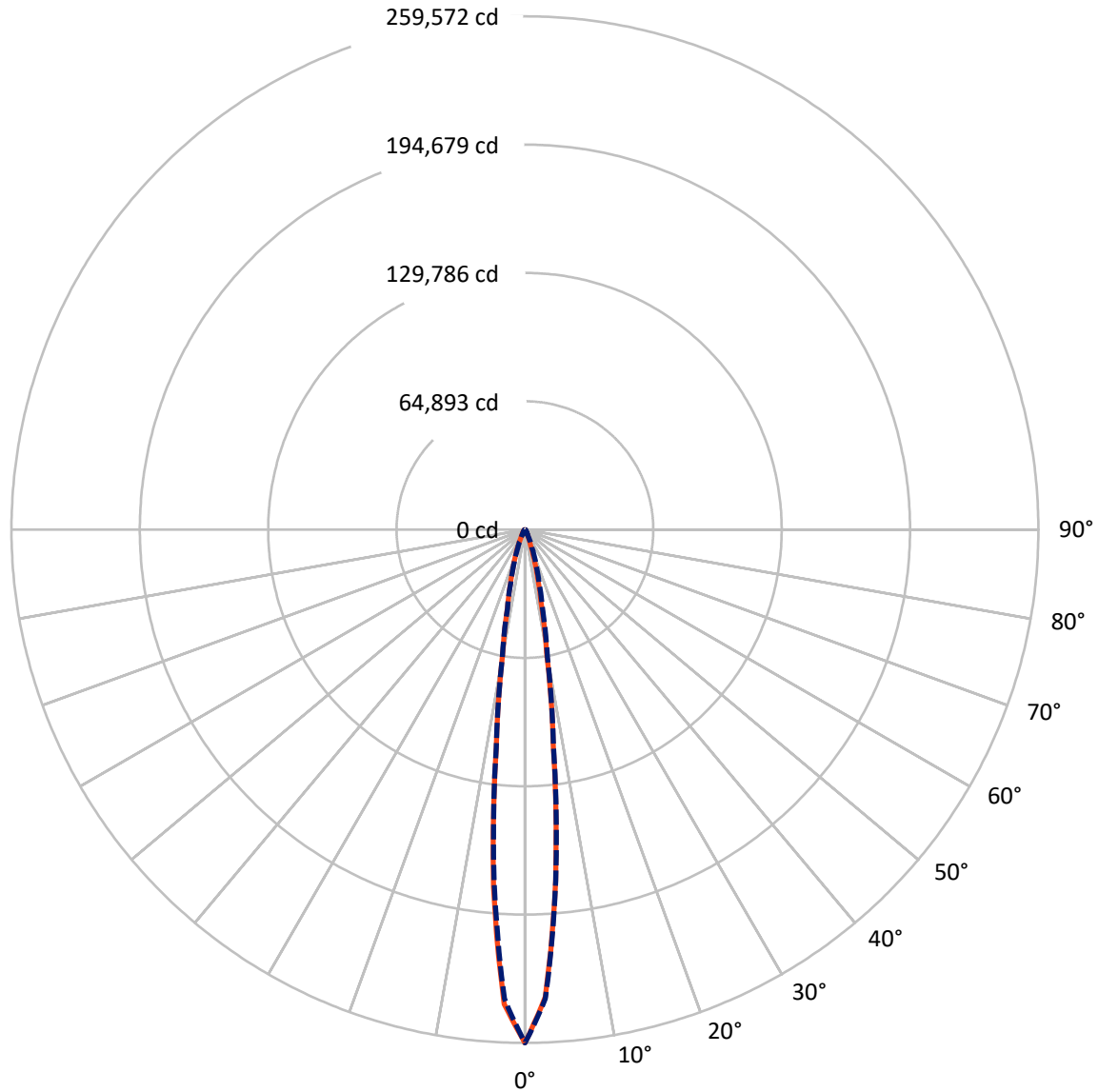
REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

### Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
70																			
60	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1			
50		0.1	0.2	0.6	1.4	2.3	3.0	3.6	3.6	3.0	2.3	1.4	0.6	0.2	0.1				
40	0.1	0.1	0.8	2.2	4.2	6.1	8.6	10.2	10.2	8.6	6.1	4.2	2.2	0.8	0.1	0.1			
30		0.4	1.8	4.4	7.8	12.3	20.8	26.5	26.5	20.8	12.3	7.8	4.4	1.8	0.4				
20	0.2	0.7	2.9	6.6	12.0	26.0	69.5	115.2	115.2	69.5	26.0	12.0	6.6	2.9	0.7	0.2			
10		1.1	3.9	9.1	19.8	77.9	328.3	721.5	721.5	328.3	77.9	19.8	9.1	3.9	1.1				
0	0.4	1.4	4.8	10.7	26.9	146.2	786.6	3527.6	3527.6	786.6	146.2	26.9	10.7	4.8	1.4	0.4			
-10		1.6	5.2	11.3	28.9	155.7	814.2	3587.5	3587.5	814.2	155.7	28.9	11.3	5.2	1.6				
-20	0.5	1.7	5.3	11.1	25.4	99.1	395.2	845.3	845.3	395.2	99.1	25.4	11.1	5.3	1.7	0.5			
-30		1.6	5.1	10.2	19.6	46.3	121.8	203.0	203.0	121.8	46.3	19.6	10.2	5.1	1.6				
-40	0.4	1.4	4.5	9.0	15.3	25.4	41.4	52.6	52.6	41.4	25.4	15.3	9.0	4.5	1.4	0.4			
-50		1.1	3.7	7.5	12.4	17.8	23.9	26.6	26.6	23.9	17.8	12.4	7.5	3.7	1.1				
-60	0.3	0.9	2.8	5.9	9.8	13.6	17.2	18.8	18.8	17.2	13.6	9.8	5.9	2.8	0.9	0.3			
-70		0.6	1.7	3.8	6.5	9.5	12.0	13.2	13.2	12.0	9.5	6.5	3.8	1.7	0.6				
-80	0.1	1.5	6.4	14.2	17.9	14.2	6.4	1.5	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

### Luminous Intensity Polar Plot

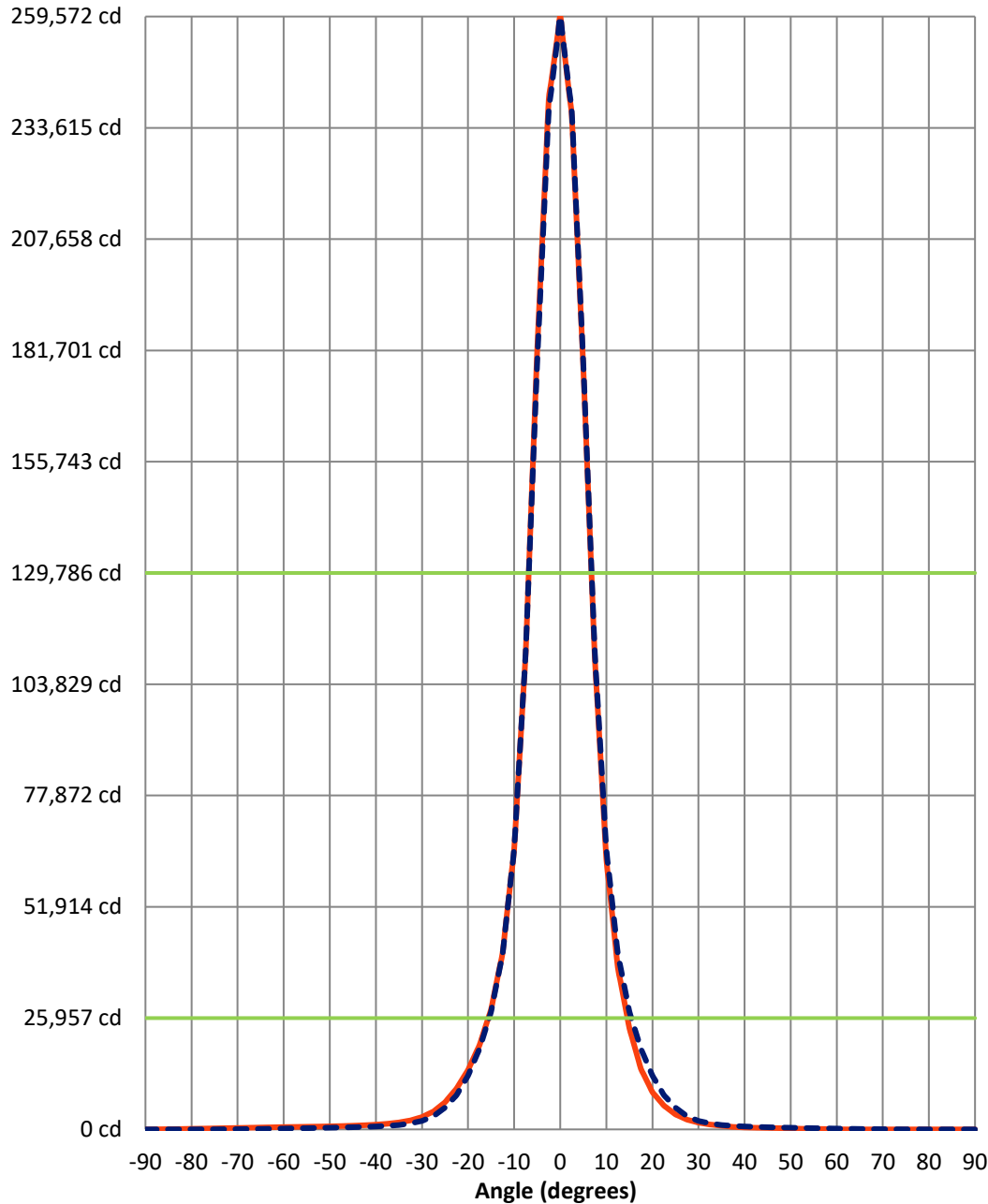


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg



REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 8175  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 18208.4  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 7398.9  
 Efficiency: 28.9%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 0-Deg

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.6	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.7	0.1	0.0	0.1	0.5	0.1	0.0	0.1	0.5	0.2
72.5°	0.0	0.9	0.2	0.0	0.6	0.8	0.3	0.3	1.2	1.2	0.5
70°	0.0	1.0	0.2	0.1	1.1	1.2	0.6	1.7	2.3	2.1	0.7
67.5°	0.0	1.1	0.3	0.6	1.7	1.7	1.9	3.1	3.5	2.2	0.9
65°	0.0	1.3	0.4	1.2	2.2	2.3	3.2	4.6	3.7	2.4	1.7
62.5°	0.0	1.4	0.6	1.8	2.8	3.1	4.3	5.2	3.9	2.9	3.5
60°	0.0	1.6	0.7	2.3	3.4	3.8	5.4	5.4	4.1	4.0	5.0
57.5°	0.0	1.7	1.2	2.9	3.9	4.5	5.5	5.5	4.6	4.9	5.5
55°	0.0	1.9	1.7	3.5	4.2	5.1	5.5	5.5	5.1	5.5	5.5
52.5°	0.0	2.0	2.1	4.1	4.6	5.5	5.5	5.5	5.4	5.5	5.5
50°	0.0	2.2	2.5	4.7	4.9	5.5	5.5	5.5	5.5	5.5	6.4
47.5°	0.0	2.3	2.9	5.2	5.1	5.5	5.5	5.5	5.5	5.5	7.6
45°	0.0	2.5	3.2	5.3	5.3	5.5	5.5	5.5	5.7	6.8	9.0
42.5°	0.0	2.7	3.5	5.5	5.4	5.5	5.5	5.7	6.0	8.4	12.2
40°	0.0	2.9	3.8	5.5	5.5	5.5	5.5	6.1	7.0	10.1	15.7
37.5°	0.0	3.0	4.1	5.5	5.5	5.5	5.5	6.7	8.9	12.7	19.3
35°	0.0	3.2	4.4	5.5	5.5	5.5	5.5	7.3	11.0	16.2	23.7
32.5°	0.0	3.4	4.6	5.5	5.5	5.5	5.7	8.1	13.1	19.5	29.4
30°	0.0	3.6	4.8	5.5	5.5	5.5	6.2	9.2	15.3	22.8	35.6
27.5°	0.0	3.8	4.9	5.5	5.5	5.5	6.8	10.9	17.7	25.9	42.2
25°	0.0	3.9	5.1	5.5	5.5	5.5	7.5	12.7	20.3	30.5	49.3
22.5°	0.0	4.1	5.2	5.5	5.5	5.6	8.2	14.5	22.8	36.0	57.7
20°	0.0	4.3	5.3	5.5	5.5	6.0	8.9	16.2	25.2	41.6	65.4
17.5°	0.0	4.5	5.3	5.5	5.5	6.5	9.9	17.9	27.4	47.3	72.5
15°	0.0	4.6	5.4	5.5	5.5	7.1	11.0	19.7	29.5	52.8	78.9
12.5°	0.0	4.8	5.4	5.5	5.5	7.7	12.0	21.3	32.2	58.2	84.7
10°	0.0	4.9	5.5	5.5	5.5	8.3	13.1	22.8	35.8	63.2	89.8
7.5°	0.0	5.1	5.5	5.5	5.5	9.0	14.0	24.2	39.3	67.6	94.2
5°	0.0	5.2	5.5	5.5	5.5	9.7	14.9	25.5	42.9	71.3	98.2
2.5°	0.0	5.4	5.5	5.5	5.5	10.4	15.7	26.6	46.3	74.4	101.6
0°	0.0	5.5	5.5	5.5	5.5	11.0	16.5	27.5	49.4	76.9	104.4
-2.5°	0.0	5.5	5.5	5.5	6.0	11.6	17.9	29.2	52.2	78.9	108.0
-5°	0.0	5.5	5.5	5.5	6.5	12.1	19.3	30.7	54.6	80.5	110.9
-7.5°	0.0	5.5	5.5	5.5	6.9	12.6	20.5	32.0	56.6	81.8	113.0
-10°	0.0	5.4	5.5	5.5	7.3	13.0	21.6	33.2	58.1	82.6	114.4
-12.5°	0.0	5.4	5.5	5.5	7.7	13.4	22.5	34.2	59.0	83.5	116.5
-15°	0.0	5.3	5.5	5.5	8.0	13.7	23.2	35.1	59.2	85.1	118.5
-17.5°	0.0	5.2	5.5	5.5	8.2	13.9	23.6	35.9	58.8	86.0	119.4
-20°	0.0	5.2	5.5	5.5	8.4	14.1	24.0	36.6	57.9	86.0	119.2

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.1	5.5	5.5	8.4	14.2	24.2	37.1	56.6	85.0	117.9
-25°	0.0	5.0	5.5	5.5	8.4	14.6	24.4	37.2	54.9	83.0	115.3
-27.5°	0.0	4.9	5.5	5.5	8.3	14.9	24.4	37.1	52.7	80.2	112.8
-30°	0.0	4.8	5.5	5.5	8.1	15.2	24.3	36.7	51.6	77.2	109.0
-32.5°	0.0	4.6	5.5	5.5	8.1	15.3	24.0	36.3	50.9	73.8	103.9
-35°	0.0	4.5	5.5	5.5	8.0	15.3	23.9	35.8	49.9	69.9	97.2
-37.5°	0.0	4.4	5.5	5.5	7.8	15.1	23.8	35.1	48.4	65.5	93.5
-40°	0.0	4.2	5.5	5.5	7.5	14.8	23.5	34.3	46.6	62.7	90.0
-42.5°	0.0	4.1	5.5	5.6	7.4	14.4	23.0	33.3	45.1	61.4	85.8
-45°	0.0	3.9	5.5	5.7	7.6	13.8	22.3	32.3	43.8	59.5	81.1
-47.5°	0.0	3.7	5.5	5.8	7.7	13.1	21.4	31.2	42.3	56.9	78.0
-50°	0.0	3.5	5.5	5.9	7.8	12.2	20.3	29.8	40.7	54.8	73.9
-52.5°	0.0	3.3	5.5	5.9	7.8	11.2	19.1	28.2	38.7	51.8	69.1
-55°	0.0	3.2	5.5	6.0	7.8	10.9	17.6	26.4	36.4	47.9	64.1
-57.5°	0.0	3.0	5.5	5.9	7.7	10.6	15.9	24.2	33.8	44.4	58.1
-60°	0.0	2.7	5.5	5.9	7.5	10.3	14.3	21.9	30.9	40.9	52.0
-62.5°	0.0	2.5	5.1	5.8	7.3	9.9	13.5	19.4	27.7	37.0	47.4
-65°	0.0	2.3	4.6	5.8	7.0	9.3	12.7	17.1	24.2	32.8	42.3
-67.5°	0.0	2.1	4.2	5.7	6.7	8.8	11.7	15.7	20.6	28.3	36.9
-70°	0.0	1.9	3.8	5.5	6.4	8.1	10.7	14.1	18.4	23.5	31.1
-72.5°	0.0	1.7	3.3	4.9	6.0	7.4	9.5	12.4	16.1	20.5	25.5
-75°	0.0	1.4	2.8	4.3	5.6	6.6	8.3	10.9	13.7	17.3	21.5
-77.5°	0.0	1.2	2.4	3.6	4.7	5.8	7.0	9.4	11.8	14.3	17.3
-80°	0.0	1.0	1.9	2.9	3.8	4.7	5.7	7.8	10.1	12.3	14.6
-82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	6.1	8.3	10.3	12.4
-85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	4.1	5.6	7.3	9.2
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	2.1	2.8	3.7	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.6	1.9	1.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.7	3.6	2.7	1.4	0.1	1.3	1.9	1.5	0.2	0.0	0.0
62.5°	5.1	4.3	3.0	2.3	3.1	4.2	3.2	1.9	0.5	2.6	3.8
60°	5.5	4.6	3.9	4.4	5.6	4.9	3.6	5.4	8.1	10.1	12.3
57.5°	5.5	5.1	5.0	5.9	6.2	6.2	9.7	12.9	18.3	22.7	25.7
55°	5.7	5.4	6.2	7.4	9.3	13.1	18.0	25.3	31.2	40.2	47.9
52.5°	6.2	6.2	8.4	11.3	16.6	22.7	31.2	41.6	53.3	62.1	71.5
50°	7.1	9.2	11.7	18.9	26.2	35.7	49.7	64.8	74.8	84.7	98.1
47.5°	9.8	12.5	19.3	27.6	38.2	53.4	72.7	83.6	93.4	109.0	125.7
45°	13.2	18.7	27.2	38.5	53.2	74.5	89.7	98.6	115.6	133.7	152.6
42.5°	16.9	25.8	37.3	49.3	72.5	92.7	106.4	120.6	137.7	158.8	179.4
40°	22.9	32.8	48.5	67.3	90.8	110.6	127.8	144.1	160.9	188.5	210.4
37.5°	29.0	43.5	61.1	84.6	109.1	130.6	149.8	170.2	194.3	225.4	245.1
35°	34.9	54.5	76.2	101.1	127.1	151.4	174.5	198.4	229.6	259.0	282.6
32.5°	43.2	65.8	90.2	117.2	143.9	171.4	199.5	228.0	258.7	288.9	319.8
30°	53.6	77.8	103.5	132.5	159.3	191.3	223.8	254.0	284.8	316.6	351.5
27.5°	64.1	89.1	116.9	146.1	174.3	210.7	245.8	277.3	308.9	343.1	382.9
25°	73.8	100.5	129.6	158.3	191.4	230.4	268.8	305.3	332.1	371.0	417.5
22.5°	83.1	111.6	142.8	169.2	207.9	250.3	295.0	334.3	366.0	400.8	453.5
20°	92.4	123.0	155.2	184.8	224.5	270.1	323.1	363.6	403.0	447.7	501.6
17.5°	101.2	133.6	167.4	202.6	244.5	291.7	351.9	393.1	440.2	493.8	561.6
15°	109.6	143.5	179.7	219.2	262.5	313.4	371.4	422.9	479.1	541.0	621.2
12.5°	117.3	152.5	191.8	234.6	278.4	332.0	387.8	442.5	507.3	588.2	689.1
10°	124.5	160.6	203.6	248.7	292.2	347.8	402.3	459.2	527.5	616.4	732.0
7.5°	130.4	168.8	214.7	261.5	304.1	360.7	414.7	472.9	544.4	639.7	760.8
5°	135.4	177.5	225.0	269.7	314.0	371.9	425.2	483.8	557.9	657.9	781.4
2.5°	139.6	185.4	234.0	275.7	322.6	382.1	433.5	495.9	571.6	672.1	800.7
0°	142.9	192.3	241.7	280.2	329.7	390.1	439.5	505.5	582.4	681.3	818.6
-2.5°	149.6	198.0	246.3	285.4	337.2	391.4	443.5	506.9	586.5	688.5	822.0
-5°	155.1	202.6	249.6	289.4	342.9	391.3	445.2	505.7	587.9	692.5	827.9
-7.5°	159.4	206.2	251.9	292.5	345.9	393.1	447.7	509.6	592.2	696.3	835.7
-10°	162.2	208.7	253.7	296.4	346.7	394.9	448.6	510.5	591.5	693.8	831.5
-12.5°	163.7	210.2	254.6	298.5	346.5	394.7	447.3	508.1	585.4	685.1	814.5
-15°	164.1	210.8	254.5	298.7	345.7	392.4	443.8	502.3	574.5	670.5	787.8
-17.5°	163.6	210.5	253.4	296.9	344.4	387.9	438.3	494.6	563.5	653.2	766.2
-20°	162.2	209.3	251.5	293.0	342.5	383.7	432.9	487.2	552.0	633.3	734.4

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	159.9	207.4	248.8	289.0	336.5	379.8	425.8	477.5	535.6	609.1	698.9
-25°	157.3	203.5	245.3	285.9	329.6	373.9	416.8	466.0	519.3	590.0	670.8
-27.5°	153.8	198.8	240.5	281.6	322.2	365.8	407.8	454.2	507.0	569.3	641.6
-30°	148.7	192.1	233.9	275.7	315.8	356.7	397.3	441.6	491.3	550.1	616.8
-32.5°	142.3	184.6	225.5	266.9	308.6	347.6	385.8	428.4	475.1	526.6	590.1
-35°	135.8	176.6	216.4	255.9	299.8	337.5	374.2	413.3	456.8	504.6	556.3
-37.5°	129.7	167.9	206.8	244.0	285.7	324.9	360.6	397.7	437.9	481.9	528.8
-40°	123.1	158.7	196.7	233.0	269.4	309.5	345.1	381.0	418.1	462.2	503.9
-42.5°	116.3	150.9	186.0	221.6	256.4	292.2	327.8	362.2	401.4	443.1	484.1
-45°	110.6	142.7	175.3	209.9	244.3	276.6	310.0	342.1	381.9	423.6	463.7
-47.5°	103.9	134.4	166.0	197.3	231.0	263.4	293.4	325.8	359.7	399.0	441.0
-50°	97.0	125.9	155.0	184.5	216.5	248.8	279.3	309.3	341.2	373.6	409.8
-52.5°	91.1	116.4	143.3	170.4	200.7	232.4	263.1	293.1	322.5	352.9	383.8
-55°	84.2	107.3	131.1	156.5	183.0	213.3	243.8	273.1	303.1	331.5	361.8
-57.5°	76.5	97.2	118.9	142.7	166.8	191.7	221.3	250.4	278.6	307.3	338.6
-60°	67.7	86.3	106.0	127.9	151.4	174.1	198.1	225.1	252.3	279.6	308.5
-62.5°	58.7	74.8	92.6	111.7	133.2	155.6	177.5	200.5	225.0	248.7	273.7
-65°	52.7	64.0	79.0	96.0	113.7	133.7	154.4	175.6	197.2	217.3	236.6
-67.5°	46.3	56.5	67.5	80.1	96.1	113.0	129.6	148.6	167.9	186.4	204.4
-70°	39.5	48.6	58.3	68.8	80.2	94.0	109.5	124.7	139.6	155.1	171.8
-72.5°	32.4	40.2	48.7	57.7	67.5	78.4	90.4	103.4	116.6	129.4	142.4
-75°	26.6	31.8	38.7	46.4	54.8	63.3	72.0	82.2	93.4	104.7	115.7
-77.5°	21.9	26.7	31.5	36.2	42.1	50.0	57.7	65.2	73.0	81.5	90.6
-80°	17.8	21.5	25.9	30.2	34.3	39.0	44.4	50.4	55.8	61.5	67.7
-82.5°	14.8	17.7	20.8	24.2	26.6	29.1	31.9	35.4	39.1	42.9	46.8
-85°	11.4	13.7	15.8	18.0	19.2	20.4	21.8	23.3	25.6	28.0	30.2
-87.5°	5.7	6.9	8.1	9.5	10.0	10.6	11.1	11.7	13.2	14.7	16.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.0	0.0	0.0	0.1	1.0	1.4	1.2	0.5	0.0	0.0
62.5°	3.2	2.7	4.3	5.7	6.3	6.1	5.6	5.0	4.3	3.9	4.5
60°	13.2	12.9	18.0	20.5	18.7	13.1	20.7	24.4	23.5	20.1	20.0
57.5°	32.3	39.2	44.2	46.4	53.7	65.4	67.7	63.8	62.4	63.7	73.6
55°	55.9	61.5	64.4	74.3	83.2	89.6	93.4	97.2	102.8	109.7	116.9
52.5°	79.0	86.7	92.6	101.5	112.1	115.8	114.8	128.4	139.0	145.8	148.6
50°	108.5	118.1	131.8	145.7	151.8	157.8	164.0	175.1	191.4	211.7	223.3
47.5°	140.3	155.4	169.8	185.8	193.8	200.1	209.5	228.9	252.0	273.8	285.2
45°	168.9	182.4	198.8	212.6	222.6	234.7	248.2	265.8	291.7	314.5	330.2
42.5°	192.0	207.1	224.0	240.7	250.8	267.2	287.7	311.6	338.7	362.4	379.9
40°	224.2	237.1	263.9	279.8	283.8	299.1	340.2	372.8	403.5	432.6	447.2
37.5°	263.2	288.2	316.1	330.5	344.6	371.6	426.7	479.4	518.5	558.0	579.5
35°	307.4	340.3	378.3	395.3	425.7	484.5	549.1	622.5	713.9	752.1	787.0
32.5°	350.4	387.2	422.2	460.4	513.6	583.8	656.6	775.6	886.8	972.8	1035.7
30°	388.5	427.5	471.1	520.3	595.0	691.9	813.5	967.5	1124.1	1260.8	1376.5
27.5°	426.2	470.6	522.5	595.6	700.9	832.6	1026.6	1246.3	1507.8	1700.4	1930.4
25°	467.5	518.4	584.8	691.0	833.1	1029.8	1340.1	1696.8	2125.5	2473.2	2837.0
22.5°	516.4	591.5	675.7	794.1	1042.2	1366.4	1790.3	2399.9	3059.5	3669.3	4256.5
20°	575.5	678.1	813.3	1031.3	1349.8	1829.1	2565.6	3538.5	4508.5	5541.5	6535.9
17.5°	659.8	807.7	1017.7	1327.9	1747.8	2695.7	3890.8	5395.7	7329.0	9081.0	10610.7
15°	739.0	915.6	1247.3	1711.0	2443.3	3699.6	5514.8	7998.6	11011.7	13757.7	16657.9
12.5°	822.0	1030.5	1411.5	2001.9	3019.4	4655.1	7206.0	10609.3	14382.1	18520.6	23234.6
10°	887.7	1141.0	1597.1	2345.7	3599.9	5636.8	8675.2	12802.7	17816.3	23941.0	31476.6
7.5°	932.1	1229.5	1750.4	2597.3	4134.4	6640.8	10298.5	15259.5	21527.3	29641.4	40185.7
5°	966.8	1297.0	1865.7	2826.8	4586.5	7407.2	11501.2	17410.9	24825.5	35696.9	53566.6
2.5°	994.6	1348.7	1937.0	2984.8	4870.2	7940.9	12308.1	18628.1	26788.8	40173.9	63357.4
0°	1016.4	1395.5	1983.4	3082.3	5087.7	7994.2	12559.9	18850.9	27493.4	40981.9	65464.4
-2.5°	1025.7	1420.6	1999.4	3103.6	5065.9	8085.9	12636.8	19028.8	27466.9	40539.2	63111.2
-5°	1041.1	1420.2	1987.4	3081.8	4952.4	7848.9	12135.0	18033.2	25809.9	37052.5	55545.4
-7.5°	1052.2	1397.5	1929.8	2942.2	4655.1	7336.8	11253.1	16383.6	22794.0	31330.3	42783.5
-10°	1042.1	1354.1	1833.9	2707.9	4192.8	6515.4	9912.2	14205.8	19533.6	25859.7	33641.2
-12.5°	1002.9	1273.8	1677.4	2379.9	3594.2	5595.2	8563.0	12218.8	16162.0	20604.9	25982.1
-15°	953.3	1187.3	1536.4	2154.8	3150.4	4683.1	6849.9	9815.6	12978.8	16352.1	19949.2
-17.5°	914.7	1111.4	1400.4	1848.1	2580.4	3799.0	5501.8	7608.6	9933.2	12501.4	14633.0
-20°	862.4	1017.8	1260.5	1626.1	2184.8	2992.2	4232.3	5762.9	7296.8	9102.6	10575.1

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	810.1	945.5	1130.1	1397.6	1813.4	2423.4	3189.6	4211.5	5333.3	6369.8	7390.0
-25°	761.5	865.8	1015.1	1234.6	1516.6	1932.9	2478.3	3064.5	3803.9	4434.8	5135.0
-27.5°	722.2	811.7	921.9	1082.8	1301.6	1569.4	1959.9	2352.8	2741.6	3060.0	3542.0
-30°	684.2	756.3	848.4	963.1	1127.2	1333.5	1587.0	1841.8	2066.3	2271.0	2522.0
-32.5°	646.9	705.6	776.2	871.5	989.1	1144.3	1300.0	1482.7	1638.6	1782.6	1915.8
-35°	609.5	661.7	715.5	795.9	889.7	999.9	1113.1	1236.9	1344.9	1441.8	1527.6
-37.5°	575.7	621.6	672.2	732.0	807.7	890.6	983.1	1073.0	1144.3	1207.2	1259.2
-40°	547.2	589.0	632.3	680.2	737.8	803.2	881.8	956.7	1006.6	1045.1	1076.6
-42.5°	521.8	558.5	595.4	636.1	680.3	737.0	799.0	860.8	894.7	924.4	947.3
-45°	501.4	529.5	560.6	595.3	634.4	681.9	730.7	773.4	803.5	829.2	848.2
-47.5°	474.4	501.6	528.5	557.1	593.5	633.1	673.4	706.3	732.6	754.9	769.4
-50°	444.6	473.2	497.9	523.1	556.6	590.1	622.6	649.7	674.8	696.7	708.1
-52.5°	413.9	444.6	470.4	495.0	523.1	552.4	581.7	604.9	626.9	647.5	656.2
-55°	391.7	420.0	446.7	469.8	493.0	516.4	540.3	564.4	586.2	605.7	611.5
-57.5°	367.8	396.6	423.0	443.7	464.7	485.8	507.7	529.4	550.4	569.1	573.9
-60°	338.6	369.8	393.2	412.8	433.2	454.0	473.1	492.5	512.0	528.4	533.6
-62.5°	301.5	329.9	353.0	373.7	393.4	411.5	430.0	448.1	465.7	478.6	482.9
-65°	256.9	281.1	305.0	326.6	346.0	363.5	380.6	397.1	413.0	424.4	430.1
-67.5°	221.9	239.2	258.4	277.0	296.5	314.5	329.9	344.5	358.2	367.8	373.8
-70°	188.0	204.6	222.5	240.2	257.2	271.8	284.1	296.1	307.8	316.3	322.7
-72.5°	155.6	169.6	184.6	200.2	215.7	229.0	240.3	251.0	261.0	268.4	274.3
-75°	126.4	138.0	150.6	163.2	175.8	186.3	195.7	205.0	213.9	220.4	225.8
-77.5°	100.3	110.1	120.0	129.9	139.7	147.4	154.3	161.1	167.7	172.8	177.4
-80°	74.3	82.0	89.9	97.8	105.7	111.5	116.7	121.7	126.4	129.4	132.0
-82.5°	50.8	56.1	61.7	67.2	72.8	77.1	81.2	85.3	89.3	90.7	91.8
-85°	32.5	35.1	38.0	41.0	44.2	46.6	48.8	50.9	53.0	54.9	56.7
-87.5°	18.0	18.6	19.1	19.5	19.9	21.6	23.2	24.9	26.6	26.8	27.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2
62.5°	4.9	5.3	5.4	5.5	5.4	5.3	4.9	4.5	3.9	4.3	5.0
60°	18.8	16.7	16.4	16.5	16.4	16.7	18.8	20.0	20.1	23.5	24.4
57.5°	83.6	92.9	95.5	93.4	95.5	92.9	83.6	73.6	63.7	62.4	63.8
55°	121.7	124.6	125.9	126.4	125.9	124.6	121.7	116.9	109.7	102.8	97.2
52.5°	149.1	148.2	147.9	148.3	147.9	148.2	149.1	148.6	145.8	139.0	128.4
50°	224.2	220.1	218.5	219.8	218.5	220.1	224.2	223.3	211.7	191.4	175.1
47.5°	286.6	287.8	289.8	291.2	289.8	287.8	286.6	285.2	273.8	252.0	228.9
45°	334.6	337.5	339.5	340.6	339.5	337.5	334.6	330.2	314.5	291.7	265.8
42.5°	383.8	384.1	383.6	384.6	383.6	384.1	383.8	379.9	362.4	338.7	311.6
40°	453.0	454.5	453.0	450.5	453.0	454.5	453.0	447.2	432.6	403.5	372.8
37.5°	592.1	594.1	587.6	582.4	587.6	594.1	592.1	579.5	558.0	518.5	479.4
35°	818.8	842.3	853.5	857.1	853.5	842.3	818.8	787.0	752.1	713.9	622.5
32.5°	1079.2	1111.9	1128.3	1142.8	1128.3	1111.9	1079.2	1035.7	972.8	886.8	775.6
30°	1452.3	1512.6	1539.2	1576.9	1539.2	1512.6	1452.3	1376.5	1260.8	1124.1	967.5
27.5°	2061.0	2167.0	2225.7	2280.1	2225.7	2167.0	2061.0	1930.4	1700.4	1507.8	1246.3
25°	3101.3	3305.4	3437.5	3499.9	3437.5	3305.4	3101.3	2837.0	2473.2	2125.5	1696.8
22.5°	4824.7	5200.9	5491.1	5549.2	5491.1	5200.9	4824.7	4256.5	3669.3	3059.5	2399.9
20°	7500.7	8039.0	8476.9	8697.5	8476.9	8039.0	7500.7	6535.9	5541.5	4508.5	3538.5
17.5°	12432.7	13552.4	14063.8	14147.8	14063.8	13552.4	12432.7	10610.7	9081.0	7329.0	5395.7
15°	19770.0	21664.6	22867.5	23641.9	22867.5	21664.6	19770.0	16657.9	13757.7	11011.7	7998.6
12.5°	28141.6	33525.4	36588.8	37756.8	36588.8	33525.4	28141.6	23234.6	18520.6	14382.1	10609.3
10°	39503.8	52177.9	59488.9	63167.8	59488.9	52177.9	39503.8	31476.6	23941.0	17816.3	12802.7
7.5°	58788.2	78363.6	100052.2	110086.3	100052.2	78363.6	58788.2	40185.7	29641.4	21527.3	15259.5
5°	79060.7	122040.2	159763.6	177828.1	159763.6	122040.2	79060.7	53566.6	35696.9	24825.5	17410.9
2.5°	102360.7	160322.6	213913.1	236446.7	213913.1	160322.6	102360.7	63357.4	40173.9	26788.8	18628.1
0°	111328.0	178844.6	237454.9	259572.2	237454.9	178844.6	111328.0	65464.4	40981.9	27493.4	18850.9
-2.5°	103747.0	163130.7	214833.9	240105.9	214833.9	163130.7	103747.0	63111.2	40539.2	27466.9	19028.8
-5°	82432.3	122712.8	161004.0	181597.2	161004.0	122712.8	82432.3	55545.4	37052.5	25809.9	18033.2
-7.5°	60500.2	82428.5	103694.0	111130.3	103694.0	82428.5	60500.2	42783.5	31330.3	22794.0	16383.6
-10°	42121.5	54678.3	62967.2	65332.6	62967.2	54678.3	42121.5	33641.2	25859.7	19533.6	14205.8
-12.5°	31228.8	36721.2	40542.7	41207.2	40542.7	36721.2	31228.8	25982.1	20604.9	16162.0	12218.8
-15°	23124.2	25917.2	27888.2	28020.9	27888.2	25917.2	23124.2	19949.2	16352.1	12978.8	9815.6
-17.5°	16903.9	18778.7	19773.4	19702.5	19773.4	18778.7	16903.9	14633.0	12501.4	9933.2	7608.6
-20°	12087.2	13217.3	14018.8	13862.1	14018.8	13217.3	12087.2	10575.1	9102.6	7296.8	5762.9



REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8428.1	9178.3	9647.9	9527.1	9647.9	9178.3	8428.1	7390.0	6369.8	5333.3	4211.5
-25°	5726.8	6135.5	6368.1	6329.4	6368.1	6135.5	5726.8	5135.0	4434.8	3803.9	3064.5
-27.5°	3902.5	4118.3	4190.4	4186.6	4190.4	4118.3	3902.5	3542.0	3060.0	2741.6	2352.8
-30°	2708.6	2853.7	2936.7	2884.5	2936.7	2853.7	2708.6	2522.0	2271.0	2066.3	1841.8
-32.5°	2018.8	2100.6	2147.9	2098.8	2147.9	2100.6	2018.8	1915.8	1782.6	1638.6	1482.7
-35°	1591.0	1632.4	1649.1	1620.8	1649.1	1632.4	1591.0	1527.6	1441.8	1344.9	1236.9
-37.5°	1297.1	1321.4	1329.6	1313.1	1329.6	1321.4	1297.1	1259.2	1207.2	1144.3	1073.0
-40°	1099.1	1114.0	1117.6	1104.4	1117.6	1114.0	1099.1	1076.6	1045.1	1006.6	956.7
-42.5°	961.7	970.6	972.7	967.0	972.7	970.6	961.7	947.3	924.4	894.7	860.8
-45°	859.5	867.1	868.5	862.6	868.5	867.1	859.5	848.2	829.2	803.5	773.4
-47.5°	776.7	781.4	782.6	780.2	782.6	781.4	776.7	769.4	754.9	732.6	706.3
-50°	713.4	716.6	716.9	714.3	716.9	716.6	713.4	708.1	696.7	674.8	649.7
-52.5°	660.3	662.5	664.1	664.8	664.1	662.5	660.3	656.2	647.5	626.9	604.9
-55°	615.6	618.6	620.3	620.9	620.3	618.6	615.6	611.5	605.7	586.2	564.4
-57.5°	577.6	580.3	581.9	582.4	581.9	580.3	577.6	573.9	569.1	550.4	529.4
-60°	537.9	541.2	543.2	543.9	543.2	541.2	537.9	533.6	528.4	512.0	492.5
-62.5°	485.7	487.1	488.4	489.0	488.4	487.1	485.7	482.9	478.6	465.7	448.1
-65°	434.3	437.3	439.0	439.5	439.0	437.3	434.3	430.1	424.4	413.0	397.1
-67.5°	378.7	382.6	386.7	390.1	386.7	382.6	378.7	373.8	367.8	358.2	344.5
-70°	328.4	333.3	334.8	335.2	334.8	333.3	328.4	322.7	316.3	307.8	296.1
-72.5°	279.5	284.1	288.0	291.2	288.0	284.1	279.5	274.3	268.4	261.0	251.0
-75°	230.7	235.0	236.0	236.3	236.0	235.0	230.7	225.8	220.4	213.9	205.0
-77.5°	181.8	185.7	186.6	186.8	186.6	185.7	181.8	177.4	172.8	167.7	161.1
-80°	134.5	136.7	139.9	142.9	139.9	136.7	134.5	132.0	129.4	126.4	121.7
-82.5°	92.5	93.0	93.3	93.4	93.3	93.0	92.5	91.8	90.7	89.3	85.3
-85°	58.5	60.1	60.3	60.4	60.3	60.1	58.5	56.7	54.9	53.0	50.9
-87.5°	27.3	27.4	27.5	27.5	27.5	27.4	27.3	27.1	26.8	26.6	24.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
65°	1.4	1.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.5
62.5°	5.6	6.1	6.3	5.7	4.3	2.7	3.2	3.8	2.6	0.5	1.9
60°	20.7	13.1	18.7	20.5	18.0	12.9	13.2	12.3	10.1	8.1	5.4
57.5°	67.7	65.4	53.7	46.4	44.2	39.2	32.3	25.7	22.7	18.3	12.9
55°	93.4	89.6	83.2	74.3	64.4	61.5	55.9	47.9	40.2	31.2	25.3
52.5°	114.8	115.8	112.1	101.5	92.6	86.7	79.0	71.5	62.1	53.3	41.6
50°	164.0	157.8	151.8	145.7	131.8	118.1	108.5	98.1	84.7	74.8	64.8
47.5°	209.5	200.1	193.8	185.8	169.8	155.4	140.3	125.7	109.0	93.4	83.6
45°	248.2	234.7	222.6	212.6	198.8	182.4	168.9	152.6	133.7	115.6	98.6
42.5°	287.7	267.2	250.8	240.7	224.0	207.1	192.0	179.4	158.8	137.7	120.6
40°	340.2	299.1	283.8	279.8	263.9	237.1	224.2	210.4	188.5	160.9	144.1
37.5°	426.7	371.6	344.6	330.5	316.1	288.2	263.2	245.1	225.4	194.3	170.2
35°	549.1	484.5	425.7	395.3	378.3	340.3	307.4	282.6	259.0	229.6	198.4
32.5°	656.6	583.8	513.6	460.4	422.2	387.2	350.4	319.8	288.9	258.7	228.0
30°	813.5	691.9	595.0	520.3	471.1	427.5	388.5	351.5	316.6	284.8	254.0
27.5°	1026.6	832.6	700.9	595.6	522.5	470.6	426.2	382.9	343.1	308.9	277.3
25°	1340.1	1029.8	833.1	691.0	584.8	518.4	467.5	417.5	371.0	332.1	305.3
22.5°	1790.3	1366.4	1042.2	794.1	675.7	591.5	516.4	453.5	400.8	366.0	334.3
20°	2565.6	1829.1	1349.8	1031.3	813.3	678.1	575.5	501.6	447.7	403.0	363.6
17.5°	3890.8	2695.7	1747.8	1327.9	1017.7	807.7	659.8	561.6	493.8	440.2	393.1
15°	5514.8	3699.6	2443.3	1711.0	1247.3	915.6	739.0	621.2	541.0	479.1	422.9
12.5°	7206.0	4655.1	3019.4	2001.9	1411.5	1030.5	822.0	689.1	588.2	507.3	442.5
10°	8675.2	5636.8	3599.9	2345.7	1597.1	1141.0	887.7	732.0	616.4	527.5	459.2
7.5°	10298.5	6640.8	4134.4	2597.3	1750.4	1229.5	932.1	760.8	639.7	544.4	472.9
5°	11501.2	7407.2	4586.5	2826.8	1865.7	1297.0	966.8	781.4	657.9	557.9	483.8
2.5°	12308.1	7940.9	4870.2	2984.8	1937.0	1348.7	994.6	800.7	672.1	571.6	495.9
0°	12559.9	7994.2	5087.7	3082.3	1983.4	1395.5	1016.4	818.6	681.3	582.4	505.5
-2.5°	12636.8	8085.9	5065.9	3103.6	1999.4	1420.6	1025.7	822.0	688.5	586.5	506.9
-5°	12135.0	7848.9	4952.4	3081.8	1987.4	1420.2	1041.1	827.9	692.5	587.9	505.7
-7.5°	11253.1	7336.8	4655.1	2942.2	1929.8	1397.5	1052.2	835.7	696.3	592.2	509.6
-10°	9912.2	6515.4	4192.8	2707.9	1833.9	1354.1	1042.1	831.5	693.8	591.5	510.5
-12.5°	8563.0	5595.2	3594.2	2379.9	1677.4	1273.8	1002.9	814.5	685.1	585.4	508.1
-15°	6849.9	4683.1	3150.4	2154.8	1536.4	1187.3	953.3	787.8	670.5	574.5	502.3
-17.5°	5501.8	3799.0	2580.4	1848.1	1400.4	1111.4	914.7	766.2	653.2	563.5	494.6
-20°	4232.3	2992.2	2184.8	1626.1	1260.5	1017.8	862.4	734.4	633.3	552.0	487.2



Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3189.6	2423.4	1813.4	1397.6	1130.1	945.5	810.1	698.9	609.1	535.6	477.5
-25°	2478.3	1932.9	1516.6	1234.6	1015.1	865.8	761.5	670.8	590.0	519.3	466.0
-27.5°	1959.9	1569.4	1301.6	1082.8	921.9	811.7	722.2	641.6	569.3	507.0	454.2
-30°	1587.0	1333.5	1127.2	963.1	848.4	756.3	684.2	616.8	550.1	491.3	441.6
-32.5°	1300.0	1144.3	989.1	871.5	776.2	705.6	646.9	590.1	526.6	475.1	428.4
-35°	1113.1	999.9	889.7	795.9	715.5	661.7	609.5	556.3	504.6	456.8	413.3
-37.5°	983.1	890.6	807.7	732.0	672.2	621.6	575.7	528.8	481.9	437.9	397.7
-40°	881.8	803.2	737.8	680.2	632.3	589.0	547.2	503.9	462.2	418.1	381.0
-42.5°	799.0	737.0	680.3	636.1	595.4	558.5	521.8	484.1	443.1	401.4	362.2
-45°	730.7	681.9	634.4	595.3	560.6	529.5	501.4	463.7	423.6	381.9	342.1
-47.5°	673.4	633.1	593.5	557.1	528.5	501.6	474.4	441.0	399.0	359.7	325.8
-50°	622.6	590.1	556.6	523.1	497.9	473.2	444.6	409.8	373.6	341.2	309.3
-52.5°	581.7	552.4	523.1	495.0	470.4	444.6	413.9	383.8	352.9	322.5	293.1
-55°	540.3	516.4	493.0	469.8	446.7	420.0	391.7	361.8	331.5	303.1	273.1
-57.5°	507.7	485.8	464.7	443.7	423.0	396.6	367.8	338.6	307.3	278.6	250.4
-60°	473.1	454.0	433.2	412.8	393.2	369.8	338.6	308.5	279.6	252.3	225.1
-62.5°	430.0	411.5	393.4	373.7	353.0	329.9	301.5	273.7	248.7	225.0	200.5
-65°	380.6	363.5	346.0	326.6	305.0	281.1	256.9	236.6	217.3	197.2	175.6
-67.5°	329.9	314.5	296.5	277.0	258.4	239.2	221.9	204.4	186.4	167.9	148.6
-70°	284.1	271.8	257.2	240.2	222.5	204.6	188.0	171.8	155.1	139.6	124.7
-72.5°	240.3	229.0	215.7	200.2	184.6	169.6	155.6	142.4	129.4	116.6	103.4
-75°	195.7	186.3	175.8	163.2	150.6	138.0	126.4	115.7	104.7	93.4	82.2
-77.5°	154.3	147.4	139.7	129.9	120.0	110.1	100.3	90.6	81.5	73.0	65.2
-80°	116.7	111.5	105.7	97.8	89.9	82.0	74.3	67.7	61.5	55.8	50.4
-82.5°	81.2	77.1	72.8	67.2	61.7	56.1	50.8	46.8	42.9	39.1	35.4
-85°	48.8	46.6	44.2	41.0	38.0	35.1	32.5	30.2	28.0	25.6	23.3
-87.5°	23.2	21.6	19.9	19.5	19.1	18.6	18.0	16.3	14.7	13.2	11.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	1.2	0.3
70°	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.7	2.1	2.3	1.7
67.5°	0.0	0.0	0.0	1.2	1.9	1.6	0.4	0.9	2.2	3.5	3.1
65°	1.9	1.3	0.1	1.4	2.7	3.6	2.7	1.7	2.4	3.7	4.6
62.5°	3.2	4.2	3.1	2.3	3.0	4.3	5.1	3.5	2.9	3.9	5.2
60°	3.6	4.9	5.6	4.4	3.9	4.6	5.5	5.0	4.0	4.1	5.4
57.5°	9.7	6.2	6.2	5.9	5.0	5.1	5.5	5.5	4.9	4.6	5.5
55°	18.0	13.1	9.3	7.4	6.2	5.4	5.7	5.5	5.5	5.1	5.5
52.5°	31.2	22.7	16.6	11.3	8.4	6.2	6.2	5.5	5.5	5.4	5.5
50°	49.7	35.7	26.2	18.9	11.7	9.2	7.1	6.4	5.5	5.5	5.5
47.5°	72.7	53.4	38.2	27.6	19.3	12.5	9.8	7.6	5.5	5.5	5.5
45°	89.7	74.5	53.2	38.5	27.2	18.7	13.2	9.0	6.8	5.7	5.5
42.5°	106.4	92.7	72.5	49.3	37.3	25.8	16.9	12.2	8.4	6.0	5.7
40°	127.8	110.6	90.8	67.3	48.5	32.8	22.9	15.7	10.1	7.0	6.1
37.5°	149.8	130.6	109.1	84.6	61.1	43.5	29.0	19.3	12.7	8.9	6.7
35°	174.5	151.4	127.1	101.1	76.2	54.5	34.9	23.7	16.2	11.0	7.3
32.5°	199.5	171.4	143.9	117.2	90.2	65.8	43.2	29.4	19.5	13.1	8.1
30°	223.8	191.3	159.3	132.5	103.5	77.8	53.6	35.6	22.8	15.3	9.2
27.5°	245.8	210.7	174.3	146.1	116.9	89.1	64.1	42.2	25.9	17.7	10.9
25°	268.8	230.4	191.4	158.3	129.6	100.5	73.8	49.3	30.5	20.3	12.7
22.5°	295.0	250.3	207.9	169.2	142.8	111.6	83.1	57.7	36.0	22.8	14.5
20°	323.1	270.1	224.5	184.8	155.2	123.0	92.4	65.4	41.6	25.2	16.2
17.5°	351.9	291.7	244.5	202.6	167.4	133.6	101.2	72.5	47.3	27.4	17.9
15°	371.4	313.4	262.5	219.2	179.7	143.5	109.6	78.9	52.8	29.5	19.7
12.5°	387.8	332.0	278.4	234.6	191.8	152.5	117.3	84.7	58.2	32.2	21.3
10°	402.3	347.8	292.2	248.7	203.6	160.6	124.5	89.8	63.2	35.8	22.8
7.5°	414.7	360.7	304.1	261.5	214.7	168.8	130.4	94.2	67.6	39.3	24.2
5°	425.2	371.9	314.0	269.7	225.0	177.5	135.4	98.2	71.3	42.9	25.5
2.5°	433.5	382.1	322.6	275.7	234.0	185.4	139.6	101.6	74.4	46.3	26.6
0°	439.5	390.1	329.7	280.2	241.7	192.3	142.9	104.4	76.9	49.4	27.5
-2.5°	443.5	391.4	337.2	285.4	246.3	198.0	149.6	108.0	78.9	52.2	29.2
-5°	445.2	391.3	342.9	289.4	249.6	202.6	155.1	110.9	80.5	54.6	30.7
-7.5°	447.7	393.1	345.9	292.5	251.9	206.2	159.4	113.0	81.8	56.6	32.0
-10°	448.6	394.9	346.7	296.4	253.7	208.7	162.2	114.4	82.6	58.1	33.2
-12.5°	447.3	394.7	346.5	298.5	254.6	210.2	163.7	116.5	83.5	59.0	34.2
-15°	443.8	392.4	345.7	298.7	254.5	210.8	164.1	118.5	85.1	59.2	35.1
-17.5°	438.3	387.9	344.4	296.9	253.4	210.5	163.6	119.4	86.0	58.8	35.9
-20°	432.9	383.7	342.5	293.0	251.5	209.3	162.2	119.2	86.0	57.9	36.6

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	425.8	379.8	336.5	289.0	248.8	207.4	159.9	117.9	85.0	56.6	37.1
-25°	416.8	373.9	329.6	285.9	245.3	203.5	157.3	115.3	83.0	54.9	37.2
-27.5°	407.8	365.8	322.2	281.6	240.5	198.8	153.8	112.8	80.2	52.7	37.1
-30°	397.3	356.7	315.8	275.7	233.9	192.1	148.7	109.0	77.2	51.6	36.7
-32.5°	385.8	347.6	308.6	266.9	225.5	184.6	142.3	103.9	73.8	50.9	36.3
-35°	374.2	337.5	299.8	255.9	216.4	176.6	135.8	97.2	69.9	49.9	35.8
-37.5°	360.6	324.9	285.7	244.0	206.8	167.9	129.7	93.5	65.5	48.4	35.1
-40°	345.1	309.5	269.4	233.0	196.7	158.7	123.1	90.0	62.7	46.6	34.3
-42.5°	327.8	292.2	256.4	221.6	186.0	150.9	116.3	85.8	61.4	45.1	33.3
-45°	310.0	276.6	244.3	209.9	175.3	142.7	110.6	81.1	59.5	43.8	32.3
-47.5°	293.4	263.4	231.0	197.3	166.0	134.4	103.9	78.0	56.9	42.3	31.2
-50°	279.3	248.8	216.5	184.5	155.0	125.9	97.0	73.9	54.8	40.7	29.8
-52.5°	263.1	232.4	200.7	170.4	143.3	116.4	91.1	69.1	51.8	38.7	28.2
-55°	243.8	213.3	183.0	156.5	131.1	107.3	84.2	64.1	47.9	36.4	26.4
-57.5°	221.3	191.7	166.8	142.7	118.9	97.2	76.5	58.1	44.4	33.8	24.2
-60°	198.1	174.1	151.4	127.9	106.0	86.3	67.7	52.0	40.9	30.9	21.9
-62.5°	177.5	155.6	133.2	111.7	92.6	74.8	58.7	47.4	37.0	27.7	19.4
-65°	154.4	133.7	113.7	96.0	79.0	64.0	52.7	42.3	32.8	24.2	17.1
-67.5°	129.6	113.0	96.1	80.1	67.5	56.5	46.3	36.9	28.3	20.6	15.7
-70°	109.5	94.0	80.2	68.8	58.3	48.6	39.5	31.1	23.5	18.4	14.1
-72.5°	90.4	78.4	67.5	57.7	48.7	40.2	32.4	25.5	20.5	16.1	12.4
-75°	72.0	63.3	54.8	46.4	38.7	31.8	26.6	21.5	17.3	13.7	10.9
-77.5°	57.7	50.0	42.1	36.2	31.5	26.7	21.9	17.3	14.3	11.8	9.4
-80°	44.4	39.0	34.3	30.2	25.9	21.5	17.8	14.6	12.3	10.1	7.8
-82.5°	31.9	29.1	26.6	24.2	20.8	17.7	14.8	12.4	10.3	8.3	6.1
-85°	21.8	20.4	19.2	18.0	15.8	13.7	11.4	9.2	7.3	5.6	4.1
-87.5°	11.1	10.6	10.0	9.5	8.1	6.9	5.7	4.6	3.7	2.8	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.6	0.0
75°	0.1	0.5	0.1	0.0	0.1	0.7	0.0
72.5°	0.3	0.8	0.6	0.0	0.2	0.9	0.0
70°	0.6	1.2	1.1	0.1	0.2	1.0	0.0
67.5°	1.9	1.7	1.7	0.6	0.3	1.1	0.0
65°	3.2	2.3	2.2	1.2	0.4	1.3	0.0
62.5°	4.3	3.1	2.8	1.8	0.6	1.4	0.0
60°	5.4	3.8	3.4	2.3	0.7	1.6	0.0
57.5°	5.5	4.5	3.9	2.9	1.2	1.7	0.0
55°	5.5	5.1	4.2	3.5	1.7	1.9	0.0
52.5°	5.5	5.5	4.6	4.1	2.1	2.0	0.0
50°	5.5	5.5	4.9	4.7	2.5	2.2	0.0
47.5°	5.5	5.5	5.1	5.2	2.9	2.3	0.0
45°	5.5	5.5	5.3	5.3	3.2	2.5	0.0
42.5°	5.5	5.5	5.4	5.5	3.5	2.7	0.0
40°	5.5	5.5	5.5	5.5	3.8	2.9	0.0
37.5°	5.5	5.5	5.5	5.5	4.1	3.0	0.0
35°	5.5	5.5	5.5	5.5	4.4	3.2	0.0
32.5°	5.7	5.5	5.5	5.5	4.6	3.4	0.0
30°	6.2	5.5	5.5	5.5	4.8	3.6	0.0
27.5°	6.8	5.5	5.5	5.5	4.9	3.8	0.0
25°	7.5	5.5	5.5	5.5	5.1	3.9	0.0
22.5°	8.2	5.6	5.5	5.5	5.2	4.1	0.0
20°	8.9	6.0	5.5	5.5	5.3	4.3	0.0
17.5°	9.9	6.5	5.5	5.5	5.3	4.5	0.0
15°	11.0	7.1	5.5	5.5	5.4	4.6	0.0
12.5°	12.0	7.7	5.5	5.5	5.4	4.8	0.0
10°	13.1	8.3	5.5	5.5	5.5	4.9	0.0
7.5°	14.0	9.0	5.5	5.5	5.5	5.1	0.0
5°	14.9	9.7	5.5	5.5	5.5	5.2	0.0
2.5°	15.7	10.4	5.5	5.5	5.5	5.4	0.0
0°	16.5	11.0	5.5	5.5	5.5	5.5	0.0
-2.5°	17.9	11.6	6.0	5.5	5.5	5.5	0.0
-5°	19.3	12.1	6.5	5.5	5.5	5.5	0.0
-7.5°	20.5	12.6	6.9	5.5	5.5	5.5	0.0
-10°	21.6	13.0	7.3	5.5	5.5	5.4	0.0
-12.5°	22.5	13.4	7.7	5.5	5.5	5.4	0.0
-15°	23.2	13.7	8.0	5.5	5.5	5.3	0.0
-17.5°	23.6	13.9	8.2	5.5	5.5	5.2	0.0
-20°	24.0	14.1	8.4	5.5	5.5	5.2	0.0

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627438 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.2	14.2	8.4	5.5	5.5	5.1	0.0
-25°	24.4	14.6	8.4	5.5	5.5	5.0	0.0
-27.5°	24.4	14.9	8.3	5.5	5.5	4.9	0.0
-30°	24.3	15.2	8.1	5.5	5.5	4.8	0.0
-32.5°	24.0	15.3	8.1	5.5	5.5	4.6	0.0
-35°	23.9	15.3	8.0	5.5	5.5	4.5	0.0
-37.5°	23.8	15.1	7.8	5.5	5.5	4.4	0.0
-40°	23.5	14.8	7.5	5.5	5.5	4.2	0.0
-42.5°	23.0	14.4	7.4	5.6	5.5	4.1	0.0
-45°	22.3	13.8	7.6	5.7	5.5	3.9	0.0
-47.5°	21.4	13.1	7.7	5.8	5.5	3.7	0.0
-50°	20.3	12.2	7.8	5.9	5.5	3.5	0.0
-52.5°	19.1	11.2	7.8	5.9	5.5	3.3	0.0
-55°	17.6	10.9	7.8	6.0	5.5	3.2	0.0
-57.5°	15.9	10.6	7.7	5.9	5.5	3.0	0.0
-60°	14.3	10.3	7.5	5.9	5.5	2.7	0.0
-62.5°	13.5	9.9	7.3	5.8	5.1	2.5	0.0
-65°	12.7	9.3	7.0	5.8	4.6	2.3	0.0
-67.5°	11.7	8.8	6.7	5.7	4.2	2.1	0.0
-70°	10.7	8.1	6.4	5.5	3.8	1.9	0.0
-72.5°	9.5	7.4	6.0	4.9	3.3	1.7	0.0
-75°	8.3	6.6	5.6	4.3	2.8	1.4	0.0
-77.5°	7.0	5.8	4.7	3.6	2.4	1.2	0.0
-80°	5.7	4.7	3.8	2.9	1.9	1.0	0.0
-82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
-85°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)